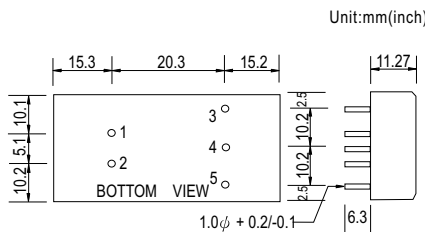


- Features :
- 2:1 wide input range
- 4:1 wide input range (optional)
- 1000VDC I/O isolation
- Input Pi network filter
- Protections: Short circuit/ Over load
- Free air convection
- Six-sided shield metal case
- High reliability/ Low cost
- 100% burn-in test
- 1 year warranty

SPECIFICATION

ORDER NO.	SKE10A-05	SKE10B-05	SKE10C-05	SKE10A-12	SKE10B-12	SKE10C-12	SKE10A-15	SKE10B-15	SKE10C-15	SKE10A-24	SKE10B-24	SKE10C-24			
OUTPUT	DC VOLTAGE			5V			12V			15V			24V		
	CURRENT RANGE			200 ~ 2000mA			84 ~ 840mA			66.6 ~ 666mA			42 ~ 420mA		
	RATED POWER												10W		
	RIPPLE & NOISE (max.) Note.2			50mVp-p			60mVp-p			60mVp-p			80mVp-p		
	LINE REGULATION Note.3												±0.3%		
	LOAD REGULATION Note.4												±0.5%		
	VOLTAGE ACCURACY												±2%		
SWITCHING FREQUENCY												200KHz min.			
INPUT	VOLTAGE RANGE												A: 9 ~ 18VDC B: 18~36VDC C: 36~72VDC		
	EFFICIENCY (Typ.)												78% 79% 80% 79% 81% 81% 80% 82% 82% 81% 82% 83%		
	DC CURRENT												Full load A: 1100mA B: 530mA C: 270mA No load A: 28mA B: 16mA C: 8mA		
	FILTER												Pi network		
PROTECTION (Note. 5)	OVER CURRENT												160%~250% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed		
	SHORT CIRCUIT												All output equipped with short circuit Protection type : Hiccup mode, recovers automatically after fault condition is removed		
ENVIRONMENT	WORKING TEMP.												-25~+71°C (Refer to output load derating curve)		
	WORKING HUMIDITY												20%~90% RH non-condensing		
	STORAGE TEMP., HUMIDITY												-25~+105°C, 10~95% RH		
	TEMP. COEFFICIENT												±0.03% / °C (0~50°C)		
VIBRATION												10~500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes			
SAFETY & EMC	WITHSTAND VOLTAGE												I/P-O/P:1KVDC		
	ISOLATION RESISTANCE												I/P-O/P: 100M Ohms / 500VDC		
OTHERS	MTBF												500khrs min. MIL-HDBK-217F(25°C)		
	DIMENSION												50.8*25.4*11.2mm or 2**1**0.44" inch (L*W*H)		
	WEIGHT												32g		

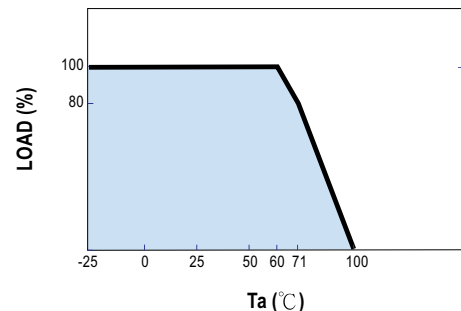
■ Mechanical Specification



■ Pin Configuration

Pin no.	Output Single
1	+Vin
2	-Vin
3	+Vout
4	No Pin
5	-Vout

■ Derating Curve



NOTE

- 1.All parameters are specified at normal input, rated load, 25°C 70% RH. Ambient.
- 2.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor.
- 3.Line regulation is measured from low line to high line at rated load.
- 4.Load regulation is measured from 10% to 100% rated load.
- 5.Please prevent the converter from operating in overload or short circuit condition for more than 30 seconds.